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Monsanto

FROM (NAME—LOCATION—PHONE): J. F. Giblin F3EB Corporate Engineering (4-6142)

DATE : August 23, 1982

SUBJECT : ENVIRONMENTAL IMPACT STATEMENT, CEA 3808, MAIN SOUTH TRUNK SEWER,

REFERENCE : W. G. KRUMMRICH PLANT

TO : B. J. Sevey - CS7L
M. F. Weishaar - G4WA
S. D. Paul - G2WB

cc: D. P. Brown/J. P. Hyland/ O. S. Ratterman - F3EB
M. L. Mullins/A. J. Heinze/ file - F3EA/EB
R. L. Nelson - 1740 (MR)
A. E. Peterson - F3EB
D. Snow - F2WA
S. D. Smith/R. Sinise - 1740
D. L. Wasson/T. O'Connell - CS7V
R. L. Wiese - CS7R
M. C. Throdahl - D1D

Attached is the approved Environmental Impact Statement for CEA 3808 for your file. Minor changes in wording were made as requested by M. F. Weishaar.

J. F. Giblin

dg

Attachment

MCO 7605467

IN - 10 (REV 8/77)

ENVIRONMENTAL IMPACT STATEMENT

FOR

CEA 3808

MAIN SOUTH TRUNK SEWER
W. G. KRUMMRICH PLANT

Approved:

B. J. Sevey
Project Manager
CEA 3808

Date 8-2-82

for HF Weishaar /JFG by telephone

M. F. Weishaar
Manager, Environmental Contrc
MCI Co.

Date 8/19/82

J. F. Giblin
CED Environmental Systems

Date 7/30/82

S. D. Paul
Dept. of Medicine & Envir. Health

Date 8/9/82

Environmental Impact Statement Issued July 29, 1982 (Preliminary)
Environmental Impact Statement Issued August 23, 1982 (Final)

MCO 7605468

J. F. GIBLIN
F3EB

MCO 7605469

ENVIRONMENTAL IMPACT STATEMENT CEA 3808, MAIN SOUTH TRUNK SEWER, W. G. KRUMMRICH PLANT

I. BASIS FOR ENVIRONMENTAL IMPACT ANALYSIS

This project will provide a new 42 inch diameter Monsanto-owned trunk sewer to carry all the plant sewer load now carried by two Sauget Village sewers. The two village sewers have deteriorated and require extensive repairs; repair will be the responsibility of the village.

The new sewer will combine about 95% of the total plant sewer load into one discharge point where sampling and measuring devices will be provided. The sample house will have forced ventilation when employees are in the building.

The existing Sauget Village sewers will remain with a load from local small industries, residences, and storm water from the Dead Creek area. A cross-connection will be provided at the upstream end of the new sewer to allow the village to divert their flows to the new sewer while they repair their own.

II. SUMMARY OF ENVIRONMENTAL IMPACT

This project is judged to have the potential for favorable impact on the environment due to the following reasons.

A. Leakage from the existing sewer will be stopped.

B. Future deterioration of the new sewer may be minimized by the use of the best available design for the adverse conditions (unstable soil conditions, high water table, and acid contamination from the adjacent leaking sewer).

C. The cross-connection design may provide an incentive for the Village of Sauget to repair the existing sewer after completion of this project.

Pollution and Toxicity Statement (for ARDT)

Monitoring of the excavation will be done daily by the plant industrial hygienist to determine if the ground appears to present exposure concerns for the construction people involved. Suitable protective equipment will be provided as judged necessary.

Contaminated excavated earth will be stockpiked for disposal in an appropriate waste landfill. Any necessary permits will be obtained by the plant.

A construction permit for the sewer will not be requested from Illinois EPA, based on the project being a replacement of an existing sewer, and representing no increase in sewer load.